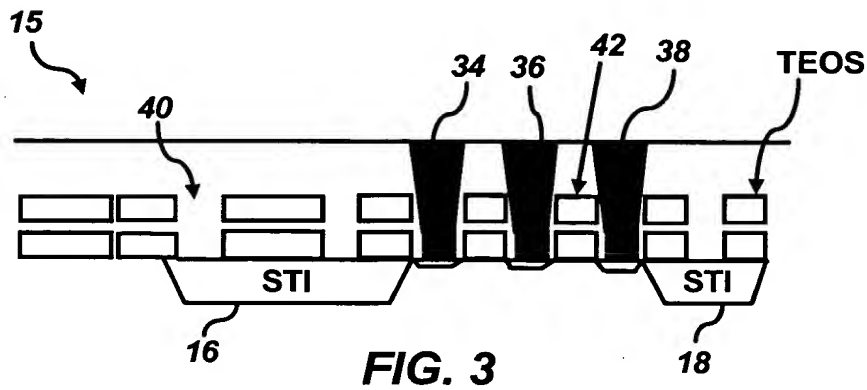
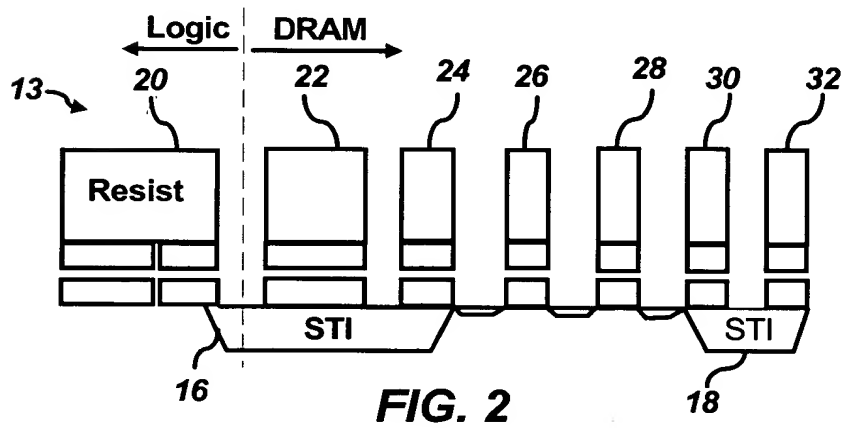
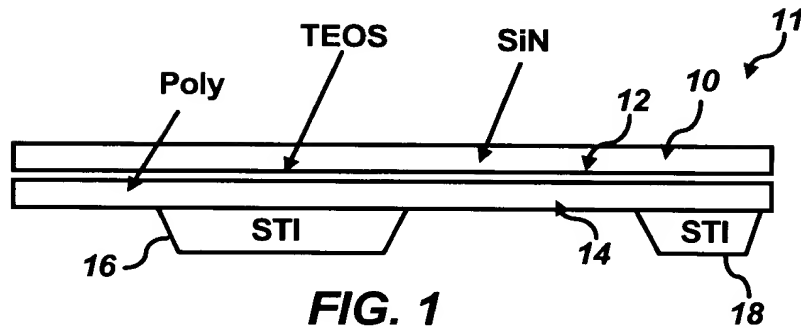
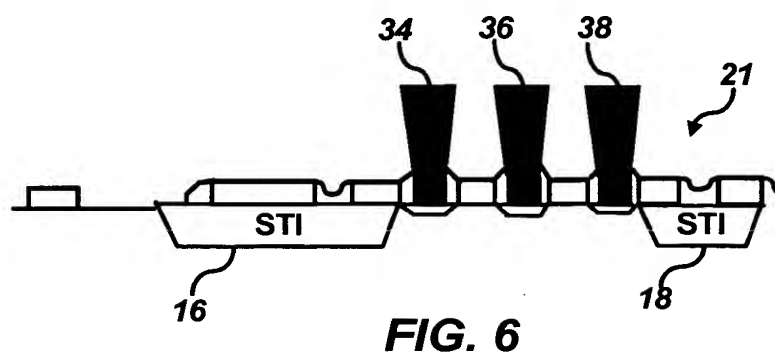
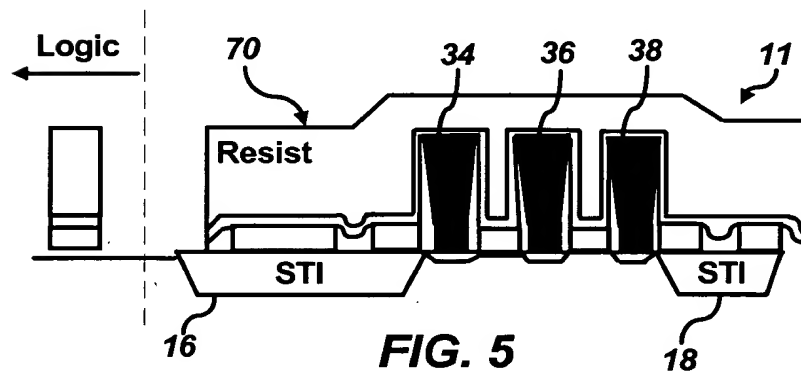
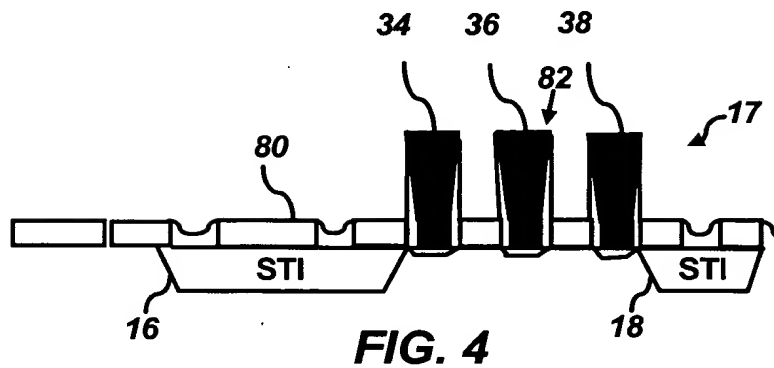


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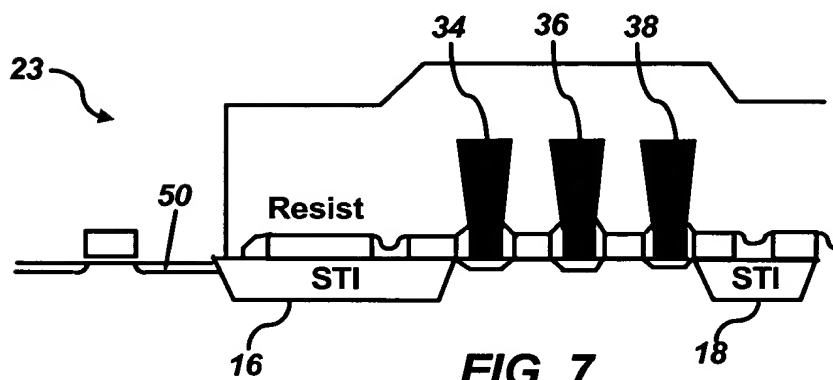


FIG. 7

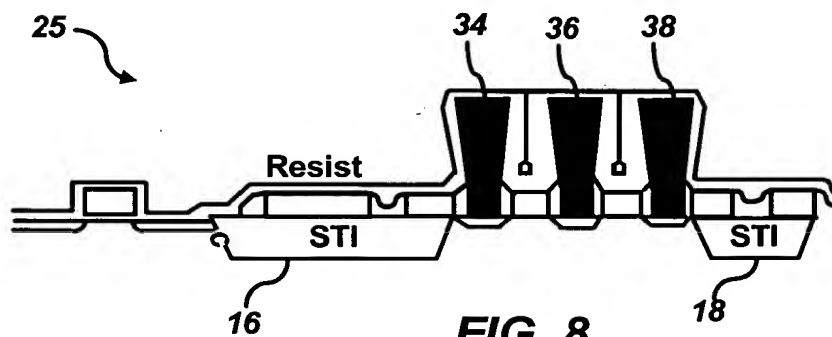


FIG. 8

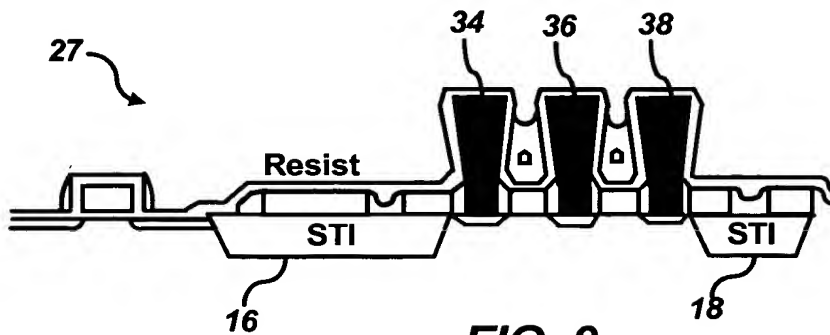


FIG. 9

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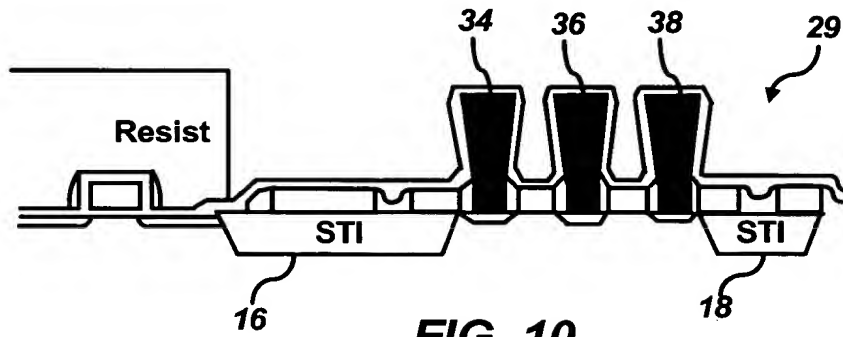


FIG. 10

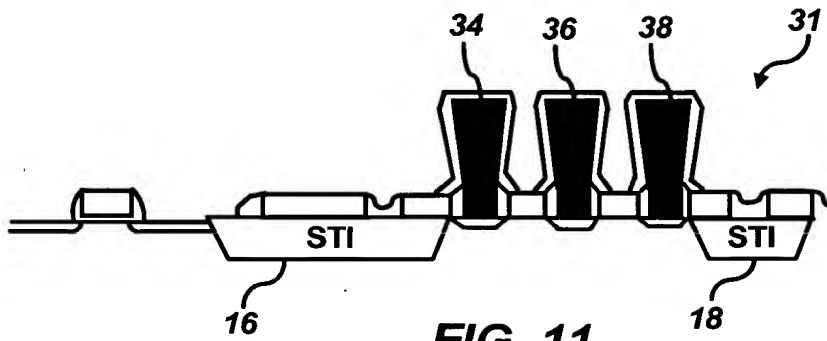


FIG. 11

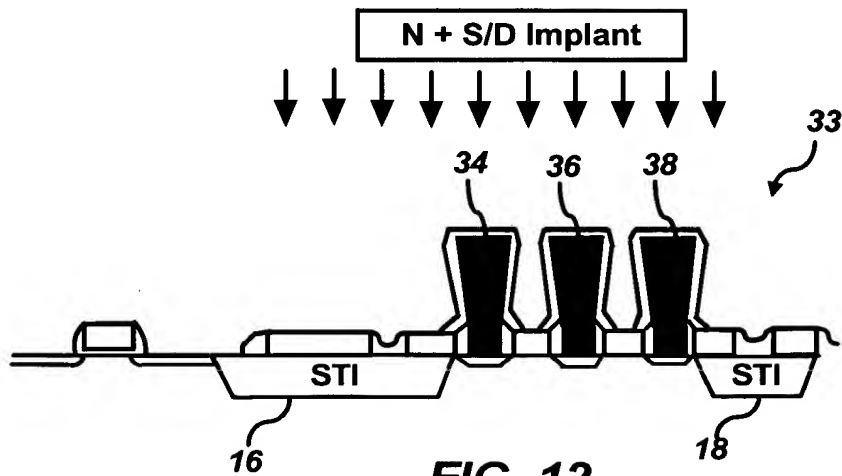


FIG. 12

FIG. 13

FIG. 14

FIG. 15

1. *Staphylococcus aureus* (S. aureus) is a Gram-positive, spherical bacterium that is commonly found on the skin and in the nose of humans. It is a facultative anaerobe, meaning it can grow with or without oxygen. S. aureus is known for its ability to form a protective biofilm and its resistance to many antibiotics.

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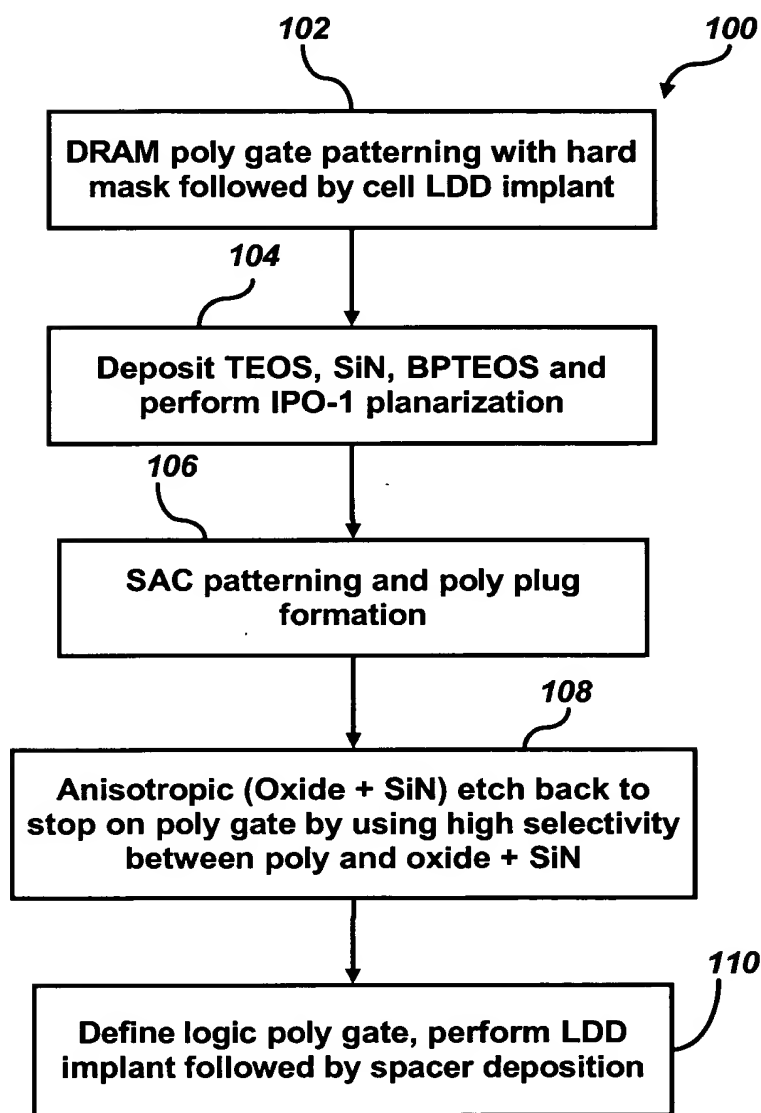


FIG. 16

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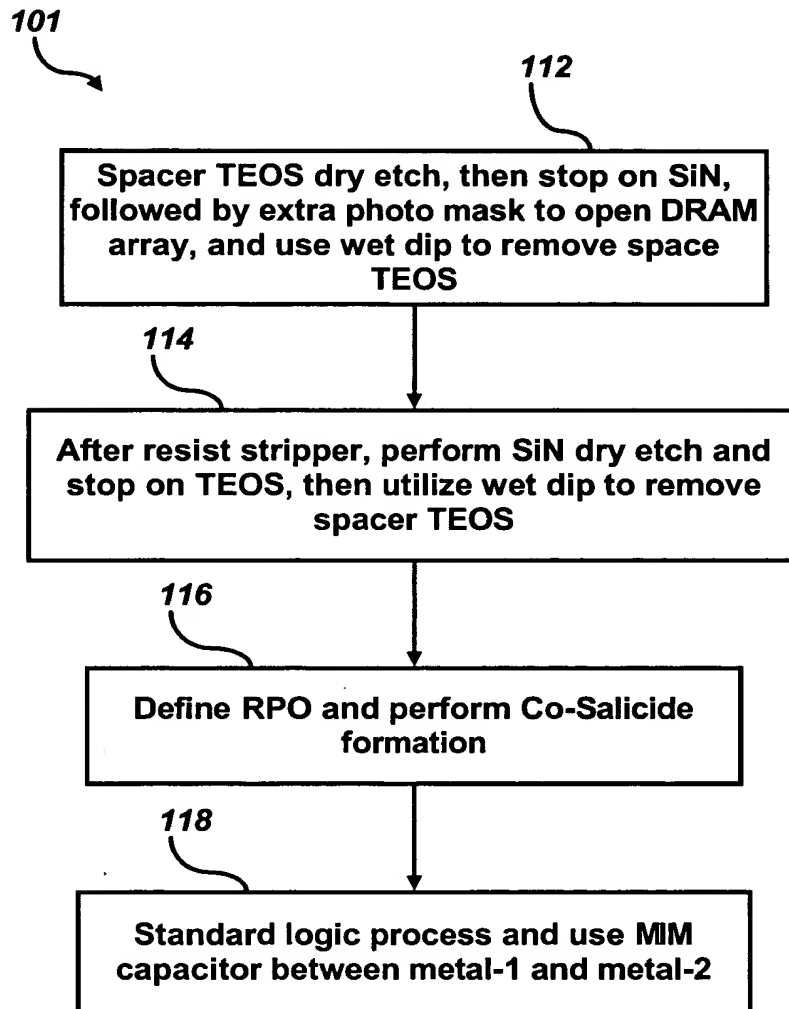


FIG. 17